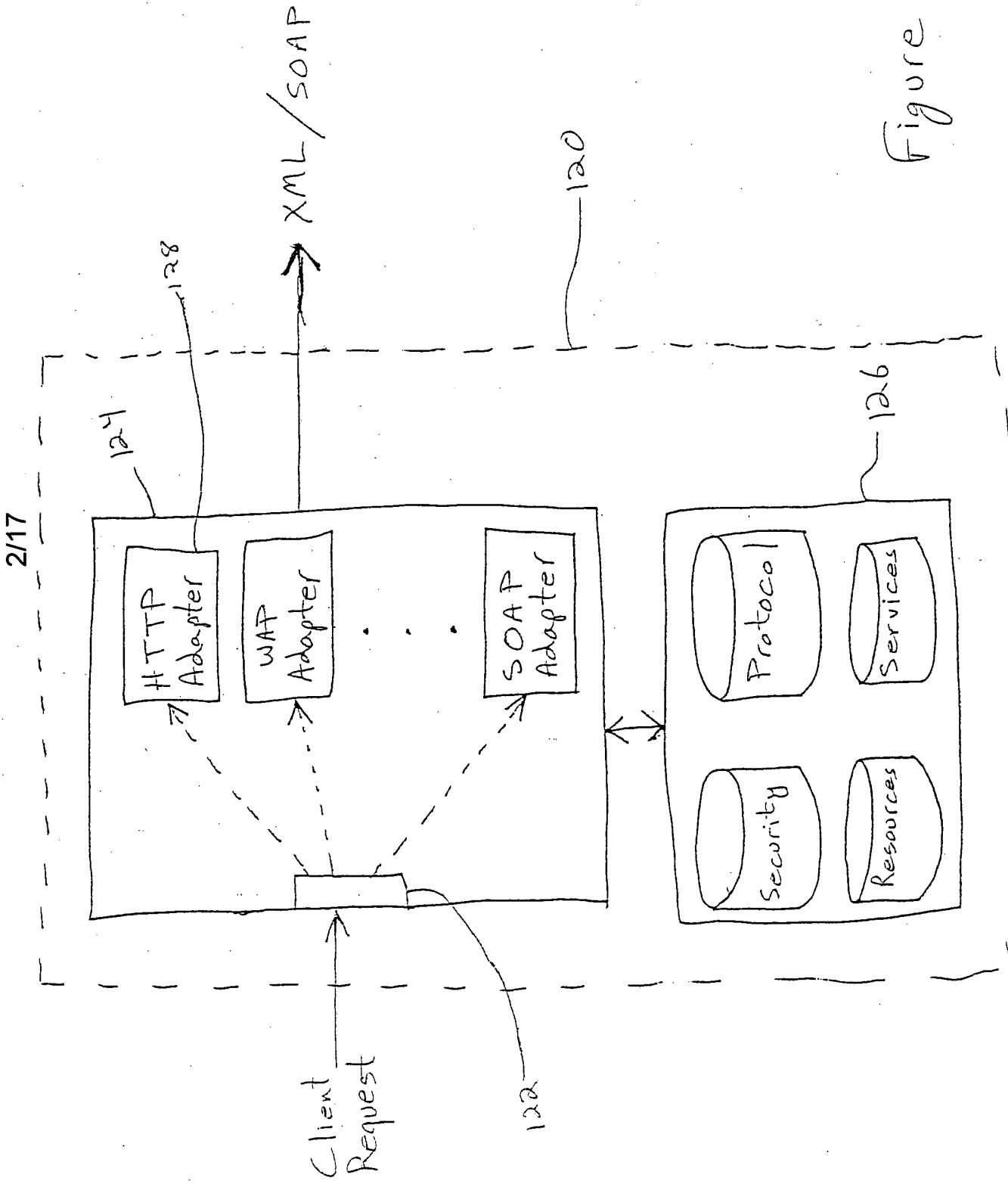
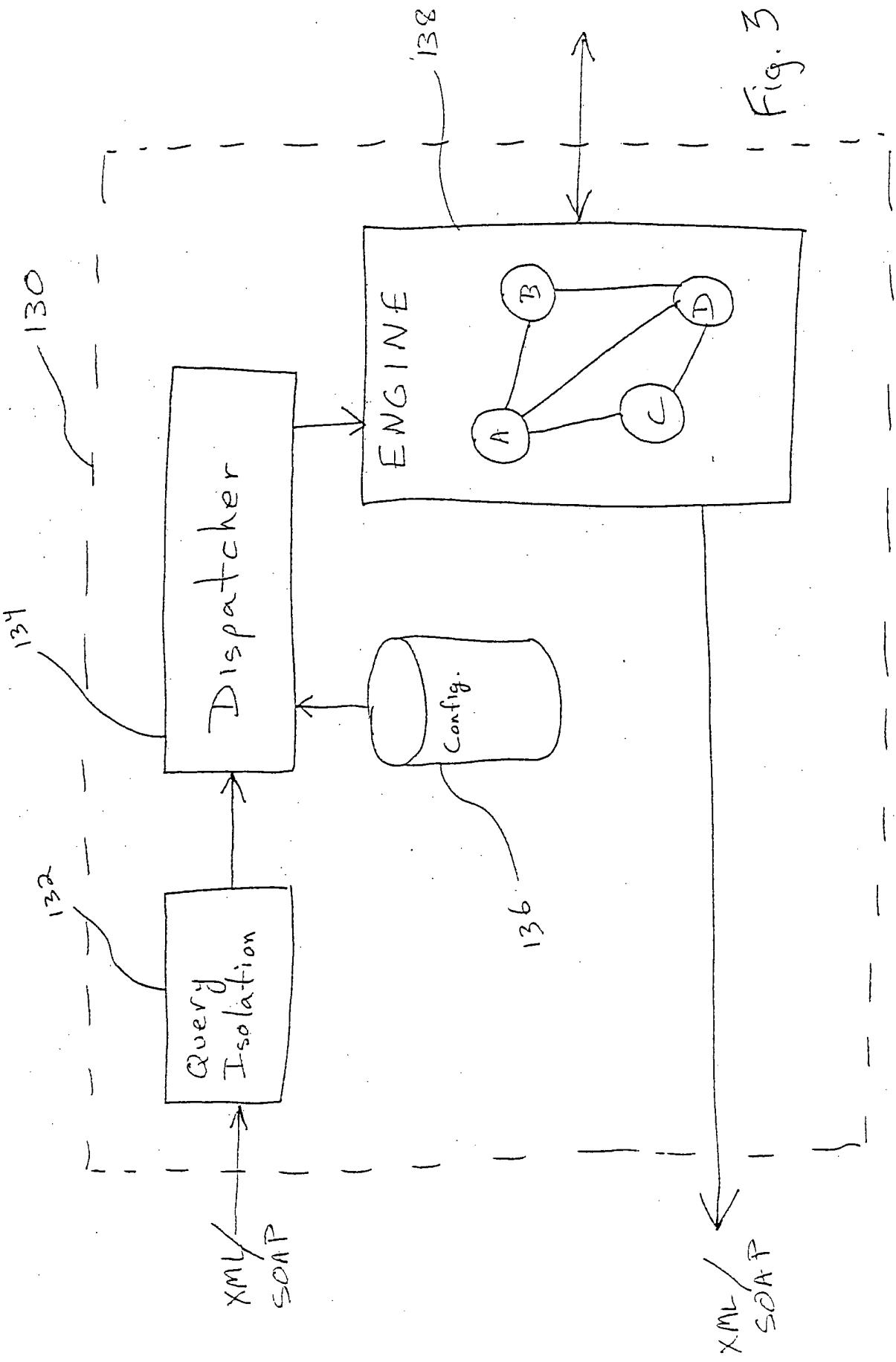


Figure 1



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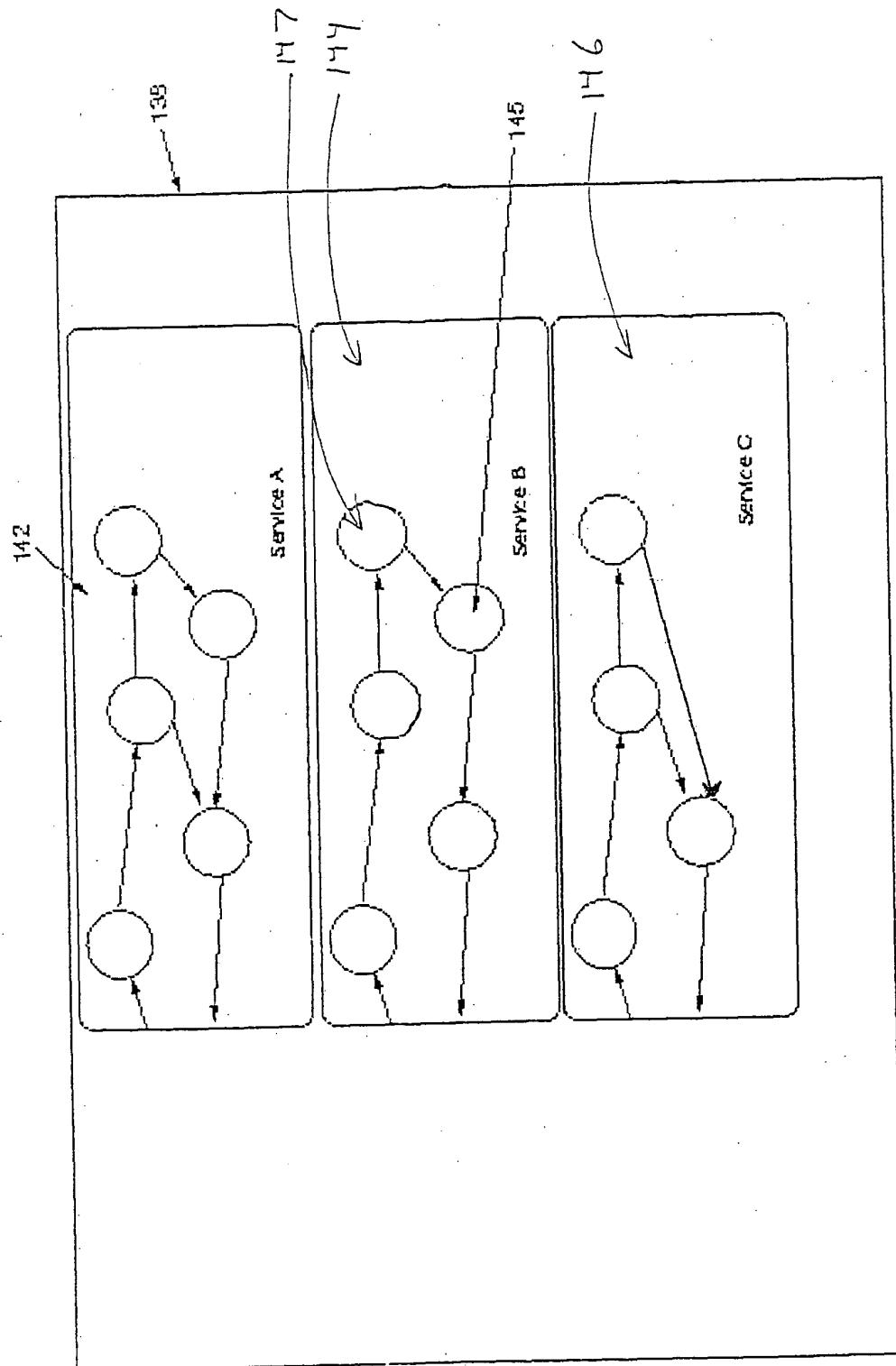


Figure 4

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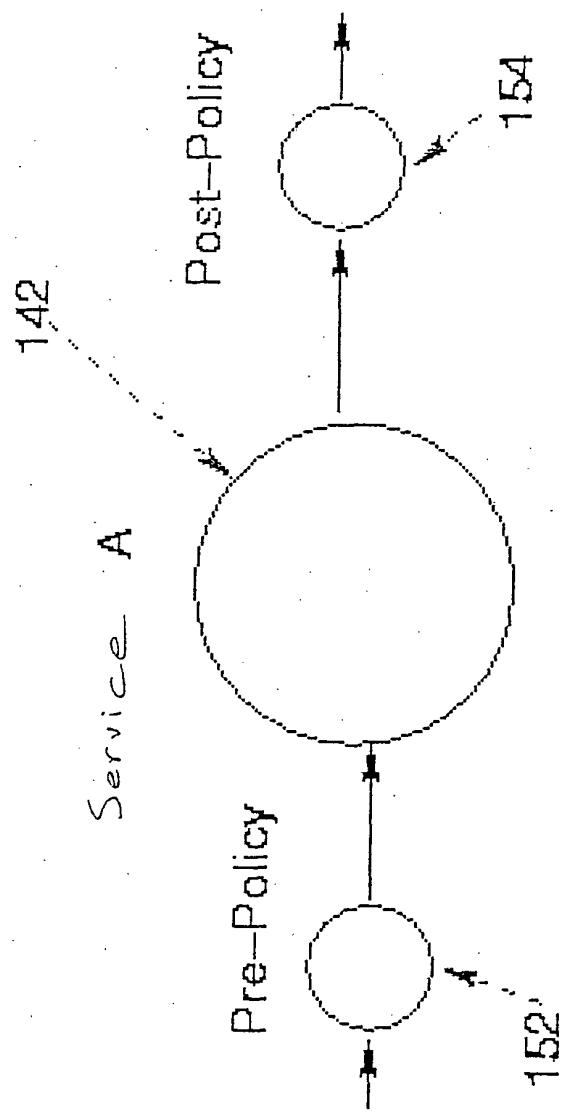


Figure 5

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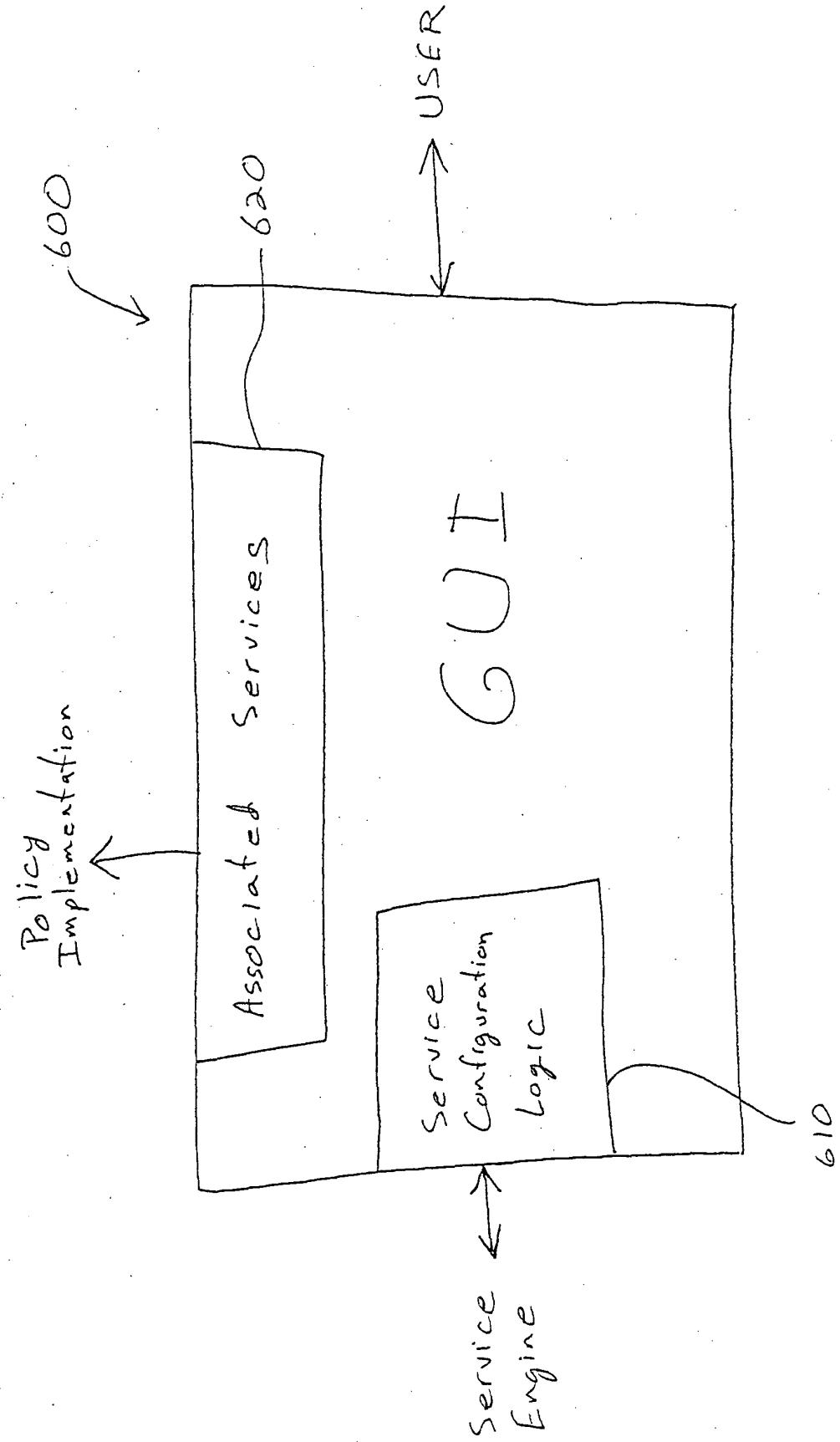


Figure 6

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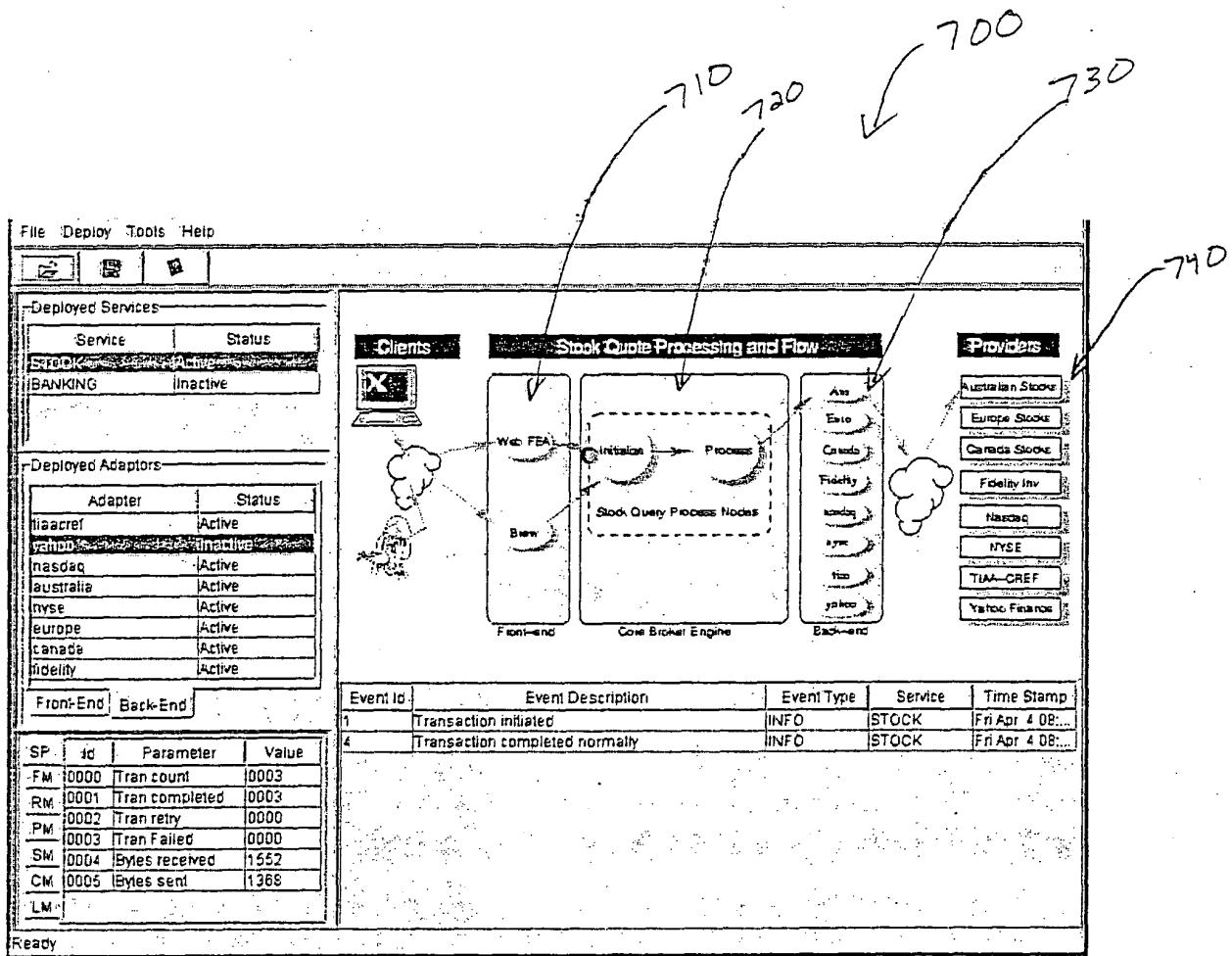


Figure 7A

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The screenshot shows a software interface with a title bar 'File View Tools Help' and a main window titled 'Tree View: stockConfig.xml'. The tree view displays the XML structure of the configuration file, which includes sections for flowDescription, serviceList, nodeList, and flowDescList. The 'nodeList' section contains nodes for stockQuoteStart and stockQuoteQuery, each with associated execution and input/output definitions. The 'flowDescList' section contains a flow definition for the stockquote operation, involving control and data links between the start and query nodes. Below the main window is a smaller window titled 'Warning/Error Event Messages', which is currently empty.

```
<?xml version="1.0" encoding="UTF-8"?>
<flowDescription>
  <serviceList>
    <service definition="policyDesc" loc="loc" serviceName="stockQuoteSe
      <port name="getQuote" uri="">
        <operation name="stockquote">
          <input name="stockQuoteSource">
          <output name="stockQuoteResult">
        </operation>
      </port>
    </service>
  </serviceList>
  <nodeList>
    <node id="stockQuoteStart" input="stockQuoteSource" output="stockQu
      <execution id="load_xml('myTemplate.xml',%stockquote/stockQuote
    <node id="stockQuoteQuery" input="stockQuoteQuery" output="stockQu
      <execution id="getQuote(stockquote,%/stockquote/stockQuoteSourc
    </nodeList>
    <flowDescList>
      <flow operation="stockquote" port="getQuote" start="stockQuoteStart">
        <controlLink source="stockQuoteStart" target="stockQuoteQuery" tra
        <dataLink source="stockQuoteStart" target="stockQuoteQuery">
        <controlLink source="stockQuoteQuery" target="stockquote" transitio
        <dataLink source="stockQuoteQuery" target="stockquote">
      </flow>
    </flowDescList>
  </flowDescription>

```

Figure 7B

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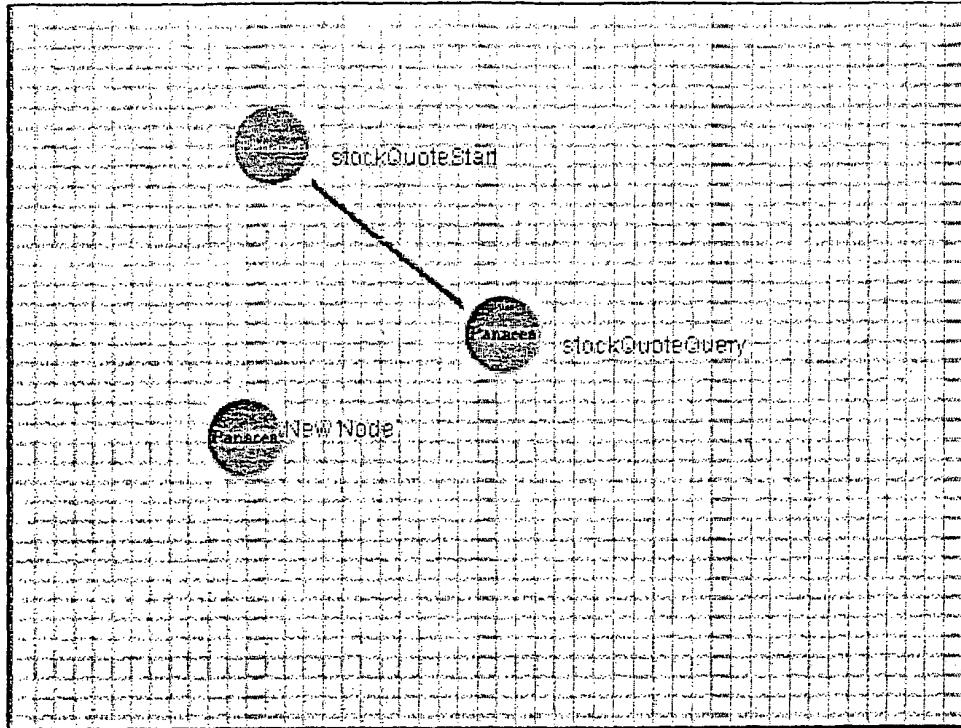


Figure
7C

A screenshot of a software interface. At the top, there are three dropdown menus: "Node Id" (set to "newActivity"), "Execution Id" (set to "newFunction"), and "Type" (set to "function"). Below these are two buttons: "Submit" and "Cancel". To the right, there is a section titled "Definitions" with two buttons: "Service" and "Flows".

Figure
7D

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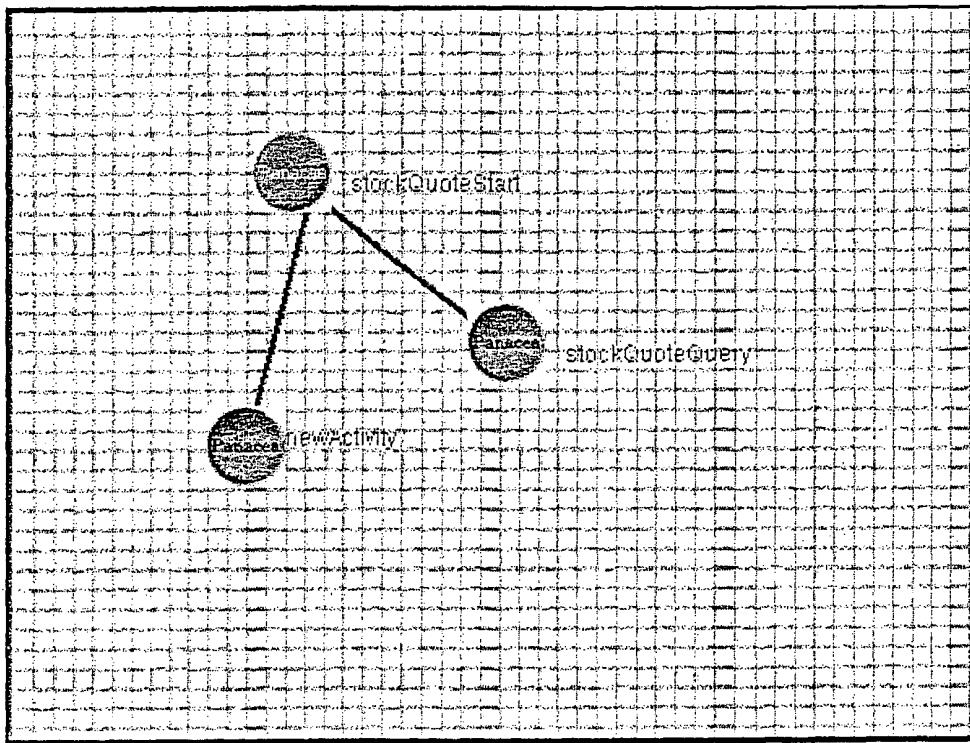


Figure 7E

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File View Tools Help

Tree View: StockConfig.xml

```
<flowDescription>
  <serviceList>
    <service definition="policyDesc" loc="loc" serviceName="">
      <port name="getQuote" uri="">
        <operation name="stockquote">
          <input name="stockQuoteSource">
          <output name="stockQuoteResult">
        </operation>
      </port>
    </service>
  </serviceList>
  <nodeList>
    <node id="stockQuoteStart" input="stockQuoteSource" output="stockQu
      <execution id="load_xml('myTemplate.xml',%stockquote/stockQuote
    <node id="stockQuoteQuery" input="stockQuoteQuery" output="stockQu
      <execution id="getQuote(stockquote,%/stockquote/stockQuoteSourc
    <node id="newActivity" input="" output="">
      <execution id="newFunction" type="function">
    </node>
  </nodeList>
  <flowDescList>
    <flow operation="stockquote" port="getQuote" start="stockQuoteStart">
      <controlLink source="stockQuoteStart" target="stockQuoteQuery" tra
      <dataLink source="stockQuoteStart" target="stockQuoteQuery">
      <controlLink source="stockQuoteQuery" target="stockquote" transition
      <dataLink source="stockQuoteQuery" target="stockquote">
      <controlLink source="stockQuoteStart" target="newActivity" transition
      <dataLink source="stockQuoteStart" target="newActivity">
    </flow>
  </flowDescList>

```

Warning/Error/Event Messages

Figure 7F

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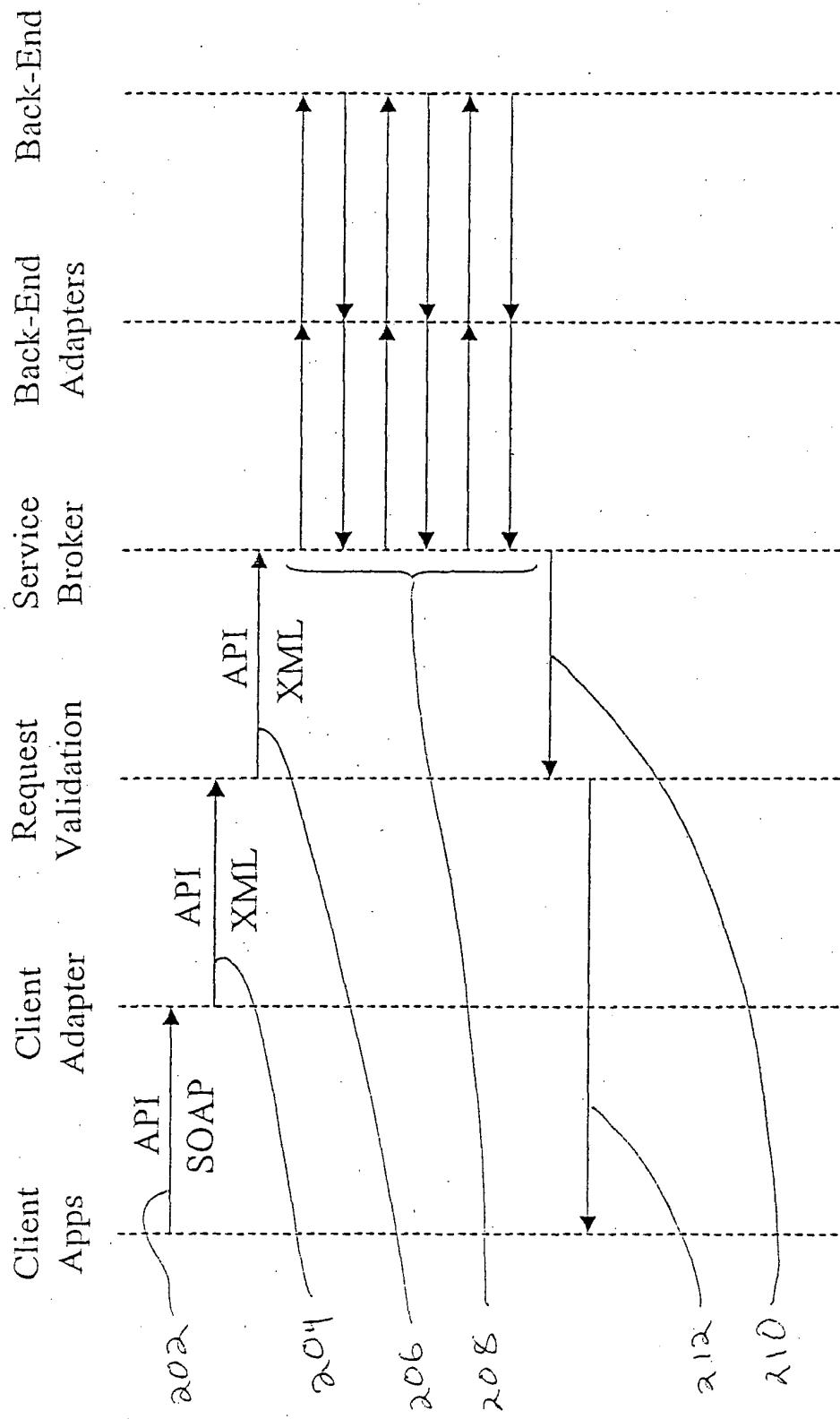


Figure 8

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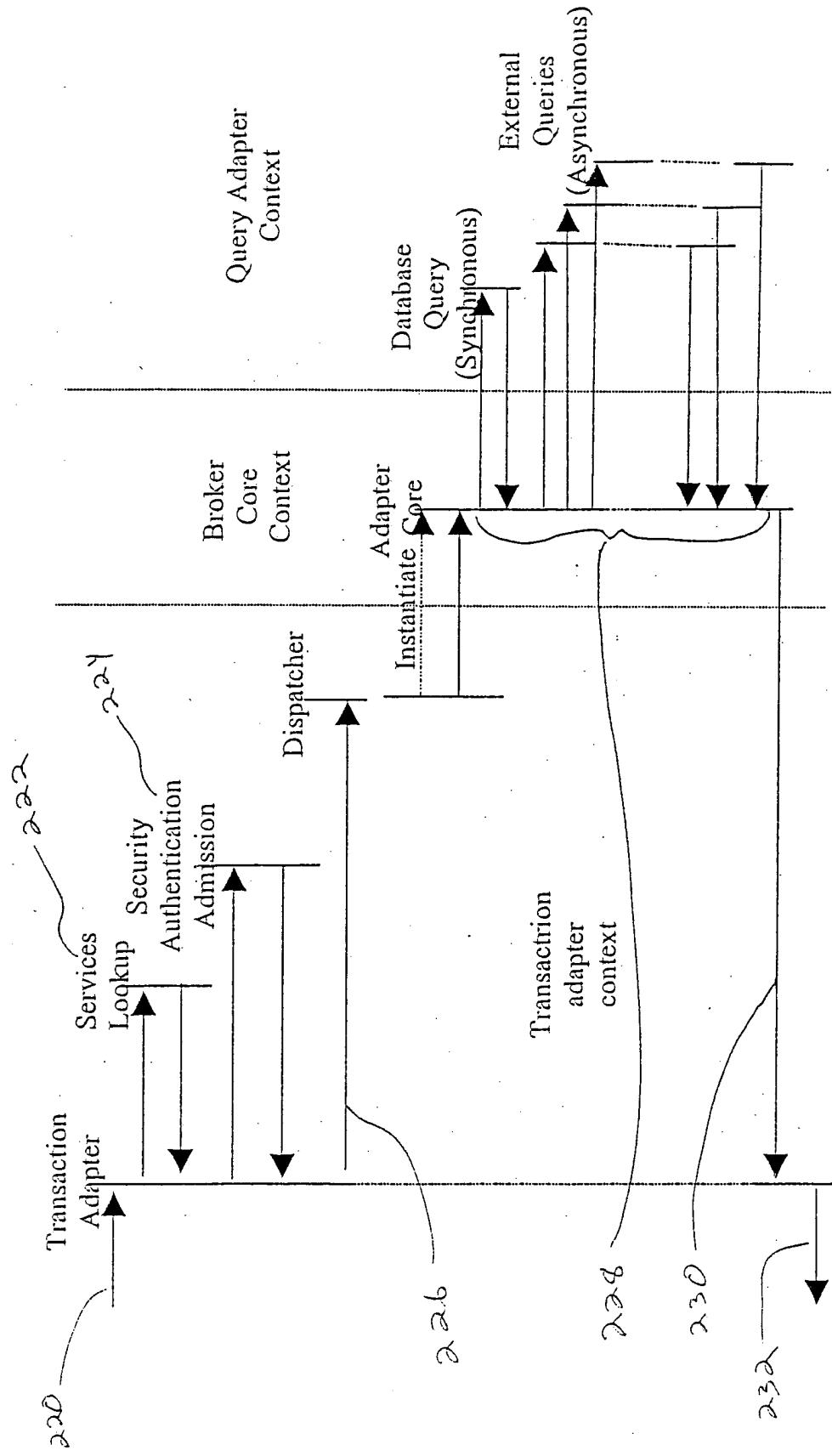
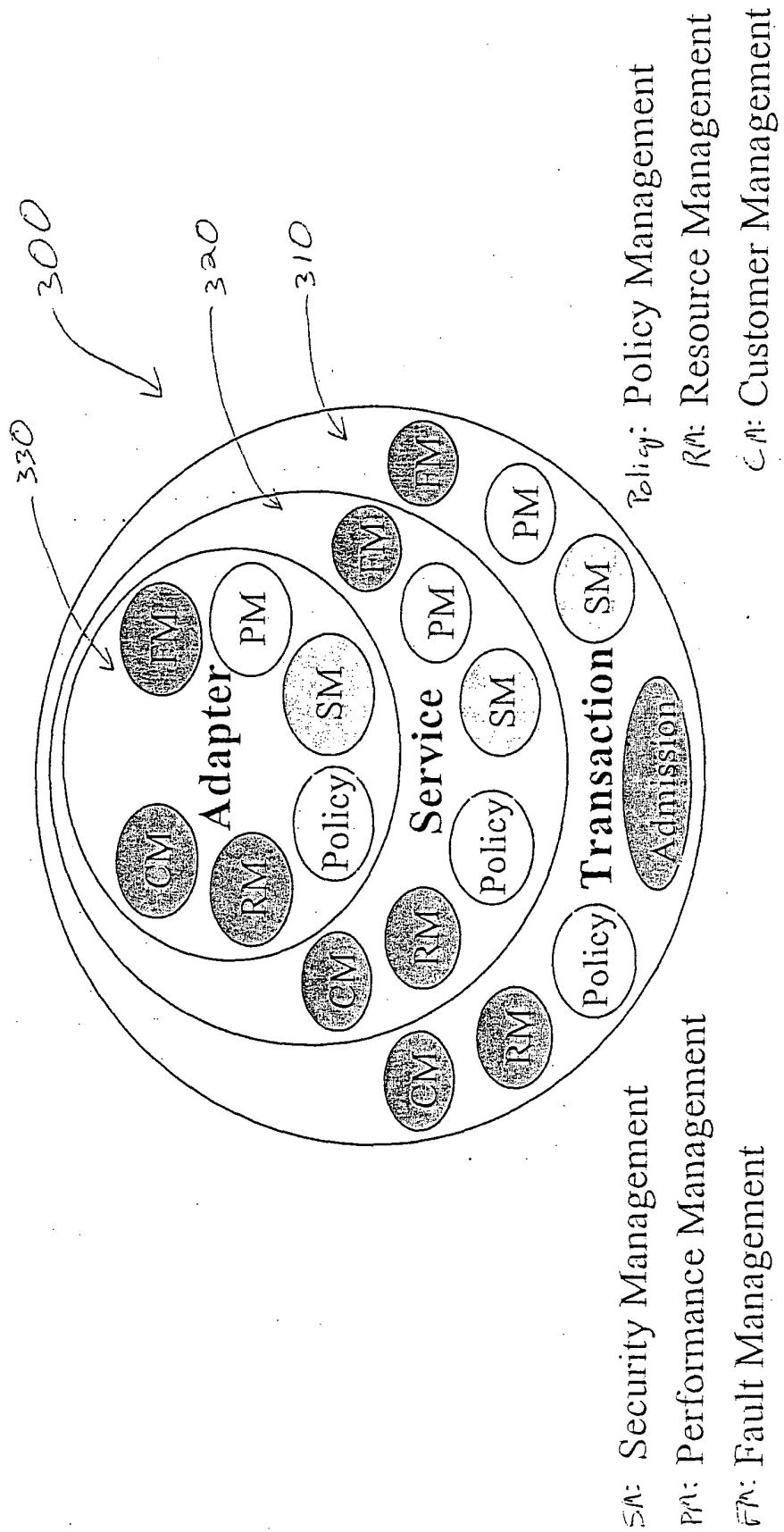


Figure 9



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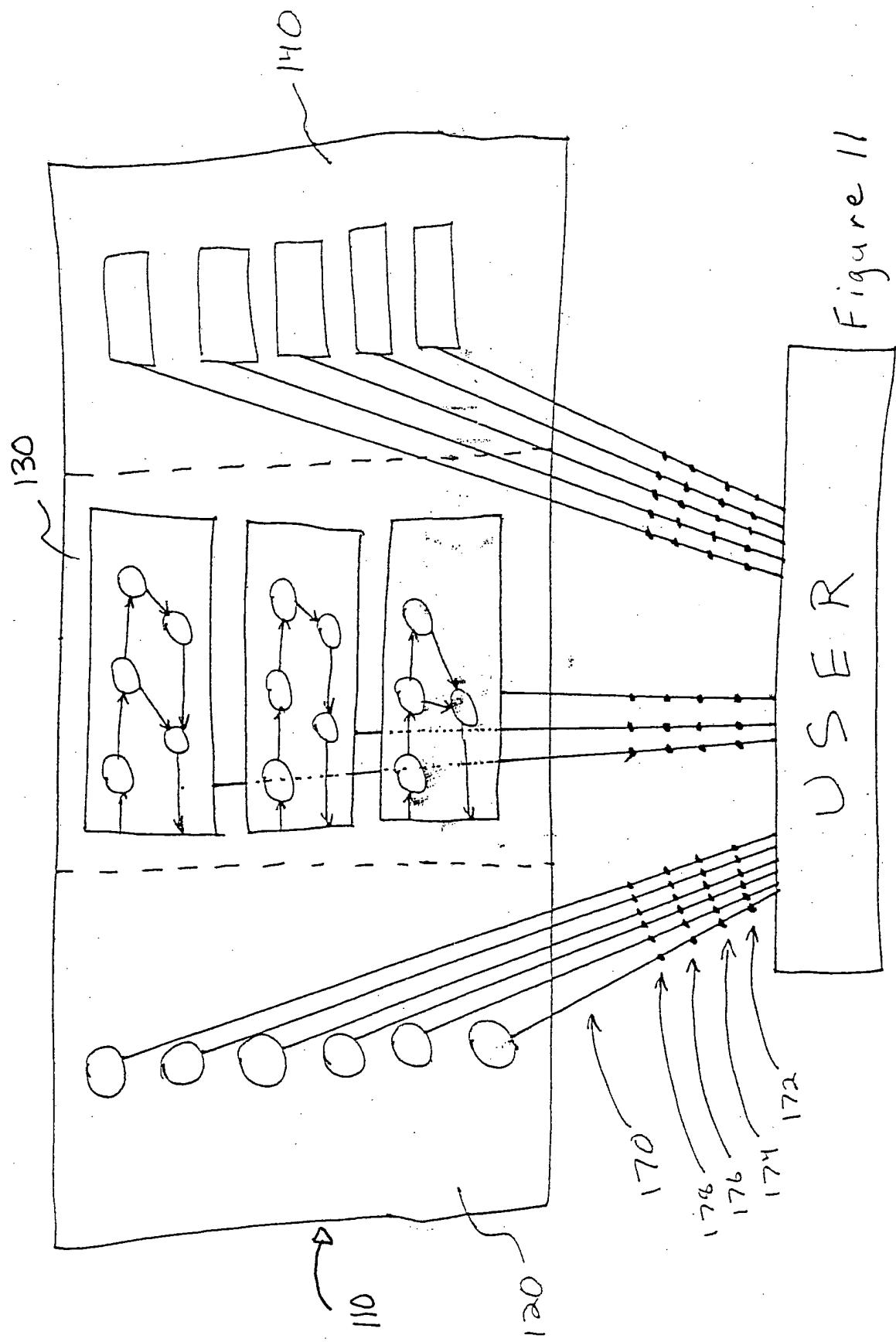


Figure 11

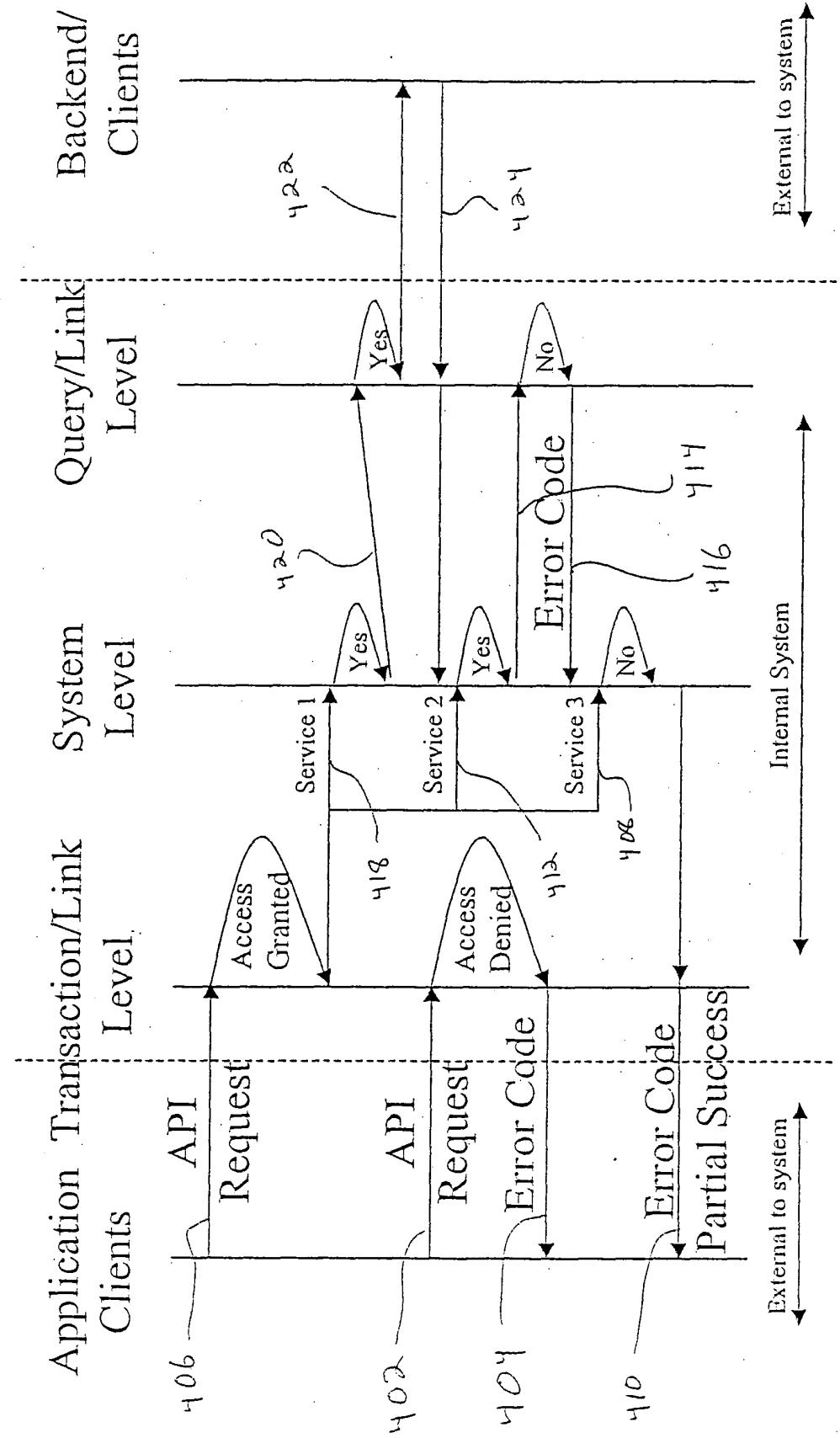


Figure 12

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Figure 13

